

Qun-Li Lei

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

402
citations

933447

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h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

502
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical study of dynamic zigzag patterns in migrating epithelial tissue. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	1
2	Barrier-controlled nonequilibrium criticality in reactive particle systems. Physical Review E, 2021, 103, 052607.	2.1	1
3	Self-Assembly of Isostatic Self-Dual Colloidal Crystals. Physical Review Letters, 2021, 127, 018001.	7.8	10
4	Entropy-controlled cross-linking in linker-mediated vitrimers. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27111-27115.	7.1	19
5	Supercrystallographic Reconstruction of 3D Nanorod Assembly with Collectively Anisotropic Upconversion Fluorescence. Nano Letters, 2020, 20, 7367-7374.	9.1	17
6	Hierarchical glass transition of hard hemidisks with local assemblies. Soft Matter, 2020, 16, 8108-8113.	2.7	2
7	Thermal-Disrupting Interface Mitigates Intercellular Cohesion Loss for Accurate Topical Antibacterial Therapy. Advanced Materials, 2020, 32, e1907030.	21.0	75
8	Mechanical Tolerance of Cascade Bioreactions via Adaptive Curvature Engineering for Epidermal Bioelectronics. Advanced Materials, 2020, 32, e2000991.	21.0	17
9	Melting and re-entrant melting of polydisperse hard disks. Communications Physics, 2019, 2, .	5.3	15
10	Hydrodynamics of random-organizing hyperuniform fluids. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22983-22989.	7.1	45
11	Nonequilibrium strongly hyperuniform fluids of circle active particles with large local density fluctuations. Science Advances, 2019, 5, eaau7423.	10.3	81
12	Self-assembled multi-layer simple cubic photonic crystals of oppositely charged colloids in confinement. Soft Matter, 2019, 15, 3104-3110.	2.7	6
13	Three-Dimensional Non-Close-Packed Structures of Oppositely Charged Colloids Driven by pH Oscillation. Journal of Physical Chemistry B, 2018, 122, 3196-3201.	2.6	7
14	Self-Assembled Chiral Photonic Crystals from a Colloidal Helix Racemate. ACS Nano, 2018, 12, 6860-6870.	14.6	22
15	Complexation of Polyelectrolytes with Hydrophobic Drug Molecules in Salt-Free Solution: Theory and Simulations. Langmuir, 2017, 33, 3900-3909.	3.5	10
16	Driving dynamic colloidal assembly using eccentric self-propelled colloids. Soft Matter, 2017, 13, 8940-8946.	2.7	32
17	Role of local assembly in the hierarchical crystallization of associating colloidal hard hemispheres. Physical Review Materials, 2017, 1, .	2.4	3
18	Kinetics of protein adsorption/desorption mediated by pH-responsive polymer layer. Chinese Physics B, 2015, 24, 113601.	1.4	4

#	ARTICLE	IF	CITATIONS
19	Crowding-induced Cooperativity in DNA Surface Hybridization. Scientific Reports, 2015, 5, 9217.	3.3	27
20	Modeling Stretching-Induced Immiscibility in Nonmonodisperse Polymer Systems. ACS Macro Letters, 2015, 4, 1033-1038.	4.8	8